

Antibody Diluent ab64211

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概述

产品名称

抗体稀释剂

经测试应用

适用于: IHC-P

常规说明

Antibody Diluent ab64211 is used to dilute primary antibodies to their working concentrations for use in IHC. It can also be used for convenient storage of diluted primary antibodies.

The antibody diluent is formulated to reduce background and non-specific binding of the primary antibody. In most cases, antibodies can be stored in the diluent, at their working concentrations for IHC, for up to 24 months at 2-8°C.

The diluent is based on a Tris buffer, and contains a stabilizing carrier protein, a wetting agent to reduce surface tension, an anti-microbial agent, and a green dye. It should not be used with HRP-conjugated primary antibodies.

IHC protocol suitable for use with Antibody Diluent ab64211:

For fluorescent IHC, skip step 3, incubate with fluorescent dye conjugated secondary at step 6, skip rest of steps, and mount with [anti-fade mounting medium](#).

1. Deparaffinize and rehydrate formalin-fixed paraffin-embedded tissue section.
2. Use appropriate [antigen retrieval buffer or enzyme](#) (primary antibody dependent) to treat sections. Wash 3 times in buffer.
3. Add enough [hydrogen peroxide blocking solution](#) to cover the sections. Incubate for 10 minutes. Wash 2 times in buffer. If necessary, use [avidin biotin blocking](#).
4. Apply [protein block](#) (or [normal serum](#) from same species as secondary antibody) and incubate for 5 minutes at room temperature to block nonspecific background staining. Wash once in buffer.
5. **Apply primary antibody in Antibody Diluent ab64211 and incubate.**
6. Wash 4 times in buffer. Incubate slide with [biotinylated secondary antibody](#) (or [HRP polymer secondary antibody](#) and skip step 7). Wash 4 times in buffer.
7. Apply [streptavidin-HRP](#) and incubate for 10 minutes at room temperature.
8. Rinse 4 times in buffer. Place slide in [DAB substrate](#) or [AEC substrate](#) and incubate until desired color is achieved (1-10 mins). Rinse 4 times in buffer.
9. Add enough drops of [hematoxylin](#) to cover the section. Incubate for 1 minute.
10. Rinse 7-8 times in tap water. Add [mounting medium](#) to cover the section.

Find complete IHC kits, and reagents for antigen retrieval, blocking, signal amplification, visualization, counterstaining, and mounting in the [IHC kits and reagents guide](#).

性能

形式	Liquid
存放说明	Store at +4°C.
存储溶液	pH: 7 Preservative: 0.05% Sodium azide

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab64211于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use at an assay dependent dilution.

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